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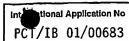
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

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(54) Title: INHIBITORS OF HISTONE DEACETYLASE

(57) Abstract: The invention relates to the inhibition of histone deacetylase. The invention provides compounds and methods for inhibiting histone deacetylase enzymatic activity. The invention also provides compositions and methods for treating cell proliferative diseases and conditions.



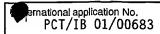
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EPO-In	ternal, WPI Data, BEILSTEIN Data,	CHEM ABS Data	
C. DOCUME	ENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with Indication, where appropriate, of the	relevant passages Relevant to claim No.	
X	MANFRED JUNG ET AL: "Amide Ana Trichostatin A as Inhibitors of Deacetylase and Inducers of Ter Differentiation" JOURNAL OF MEDICINAL CHEMISTRY, CHEMICAL SOCIETY. WASHINGTON, U vol. 42, no. 22, 4 November 1999 (1999-11-04), p 4669-4679, XP002144226 ISSN: 0022-2623 page 4669, column 1, line 1 -pa column 1, line 41	Histone rminal Cell AMERICAN US, pages	
X Furth	ner documents are listed in the continuation of box C.	Patent family members are listed in annex.	
Special categories of cited documents:		"T" later document published after the international filing date or priority date and not in conflict with the application but	
 "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date 		cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to	
"L" docume which citation	ent which may throw doubts on priority claim(s) or is cited to establish the publication date of another in or other special reason (as specified) ent referring to an oral disclosure, use, exhibition or	involve an inventive step when the document is taken atone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-	
other r		ments, such combination being obvious to a person skilled in the art. *& document member of the same patent family	
Date of the	actual completion of the international search	Date of mailing of the international search report	
2	9 July 2002	02/08/2002	
Name and r	nalling address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk	Authorized officer	
	Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Zervas, B	

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A. CLASSIF IPC 7	GATION OF SUBJECT MATTER A61K31/44 A61K31/495 A61P35/0 C07C275/40	0 C07C237/20 C07C2	237/10
According to	International Patent Classification (IPC) or to both national classifica	tion and IPC	
B. FIELDS	SEARCHED		
	cumentation searched (classification system followed by classification		
	on searched other than minimum documentation to the extent that st		
Electronic da	ata base consulted during the international search (name of data bas	e and, where practical, search terms used	
C. DOCUME	ENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the rele	evant passages	Relevant to claim No.
Х	JUNG M ET AL: "Analogues of trichostatin A and trapoxin B as histone deacetylase inhibitors" BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, OXFORD, GB, vol. 7, no. 13, 8 July 1997 (1997-07-08), pages 1655-1658, XP004136274 ISSN: 0960-894X the whole document		1-56
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Further documents are listed in the continuation of box C.		Patent family members are listed	ìn annex.
filing date *L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O" document referring to an oral disclosure, use, exhibition or other means *P" document published prior to the international filing date but		17 later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. 8 document member of the same patent family Date of mailing of the international search report	
	9 July 2002		
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswljk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016		Authorized officer Zervas, B	

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		PCT/IB 01/00683			
	(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT				
Category °	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.		
A .	SUZUKI ET AL: "Synthesis and Histone Deacetylase Inhibitory Activity of New Benzamide Derivatives" JOURNAL OF MEDICINAL CHEMISTRY, AMERICAN CHEMICAL SOCIETY. WASHINGTON, US, vol. 42, no. 15, 1999, pages 3001-3003, XP002158227 ISSN: 0022-2623 the whole document		1,18,30, 40-56		



Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. X Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
Although claims 47 to 56 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
÷ -
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:
As all required additional search fees were timely paid by the applicant, this International Search Report covers all
searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
· ·
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this international Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest The additional search fees were accompanied by the applicant's protest.
No protest accompanied the payment of additional search fees.

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